

a power input for connection to the output of the power supply of the printer module;

a second frame, different from the first frame, and

a user interface connected to the scanner module and the printer module,

wherein the printer module and the scanner module are stacked one upon another in a stack, and the scanner module is at an uppermost position of the stack.

30. (Amended) An image forming system, comprising:

a printer module, including:

means for generating a printed image on a piece of paper;

print control means, connected to the means for generating, for controlling an operation of generating the printed image;

means for supplying power having an input means for inputting and an output means for outputting; and

first means for supporting elements of the printer module including the means for generating, the print control means, and the means for supplying power,

a scanner module, including:

means for scanning an image;

a scanner control means which controls an operation of the means for scanning;

a power input means for inputting power to the scanner module from the means for supplying power of the printer module and for connection to the output means of the power supply of the printer module; and

second means for supporting elements of the scanner module including the means for scanning and the scanner control means, said second means for supporting different from the first means for supporting, and

On means for interfacing with a user, connected to the scanner module and the printer module,

wherein the printer module and the scanner module are stacked one upon another in a stack, and the scanner module is at an uppermost position of the stack.

Please add new Claims 48 and 49 as follows:

OB 48. (New) An image forming system comprising:

a scanner module, including:

a scanner engine for generating image data;

a scanner controller connected to the scanner engine;

a power input for connection to the output of a power supply of a printer module;

a user interface connected to the scanner module and the printer module;

a first synchronizing signal generating means, for generating a first synchronization signal, comprising a first crystal oscillator, wherein said interface receives said image data and said first synchronization signal and transfers said control data to said scanner engine and said first synchronization signal generating means, and said image scanner engine receives said first synchronization signal;

said printer module, including:

a printer engine;

a printer controller connected to the printer engine;

a power supply having an input and an output;

a second synchronization signal generating means, for generating a second synchronization signal, comprising a second crystal oscillator,

wherein said second interface receives said image data and said second synchronization signal and transfers said control data to said printer engine and said second synchronization signal generating means, and said printer engine receives said second synchronization signal; and

a system control module formed as an independent frame, comprising:

a third data interface means;

a system control means for controlling said scanner module and said printer module synchronously and generating said control data, said third interface transferring said control data to the interface and the second interface, and said first and second crystal oscillator having substantially a same frequency, so that said first and second synchronization signals and said image reading and image forming means are synchronized with each other for maintaining coincidence between cycles and header phases of said image data that is read and formed.

49. (New) An image forming system, comprising:

a scanner module, including:

means for scanning an image and generating image data;

scanner control means for controlling an operation of the means for scanning;

a power input means for inputting power to the scanner module from means for supplying power of a printer module and for connection to output means of a power supply of the printer module; and

second means for supporting elements of the scanner module including the means for scanning and the scanner control means, said second means for supporting different from the first means for supporting; and

means for interfacing with a user, connected to the scanner module and a printer module;

said scanner module further comprising a first synchronizing signal generating means, for generating a first synchronization signal, comprising a first crystal oscillator, wherein the means for interfacing receives image the generating image data and said first synchronization signal and transfers said control data to said image reading means and said first synchronization signal generating means, and said image reading means receives said first synchronization signal interface,
said printer module including:

means for generating a printed image on a piece of paper;

print control mens, connected to the means for generating, for controlling an operation of generating the printed image;

means for supplying power having an input means for inputting and an output means for outputting;

means for supporting elements of the printer module including the means for generating, the print control means, and the means for supplying power;

a second interface;

a second synchronizing signal generating means for generating a second synchronization signal, comprising a second crystal oscillator, wherein said second interface receives said generating image data and said second synchronization signal and transfers said control data to said means for generating a printed image and said

second synchronization signal generating means, and said image forming means receives said second synchronization signal;

a system control module formed as an independent frame, comprising:

a third data interface;

a system control means for controlling said scanner module and said printer module synchronously and generating said control data,

OB said third interface transferring said control data to said means for interfacing with the user and the second interface, and said first and second crystal oscillators having substantially a same frequency, so that said first and second synchronization signals and said image reading and image forming means are synchronized with each read other for maintaining coincidence between cycles and header phases of said image data that is scanned and formed.

REMARKS

Favorable reconsideration of this application, in view of the following comments, is respectfully requested.

Claims 1-49 are pending in this application.¹ Claims 48 and 49 are added by the present response. Claims 12-47 were rejected under 35 U.S.C. § 251 as being an improper recapture of claimed subject matter deliberately cancelled in the application for the patent upon which the Reissue is based.

¹The Office Action only indicates that Claims 12-47 are pending. However, it is noted that original Claims 1-11 from the original patent are also pending and are presumed allowed.